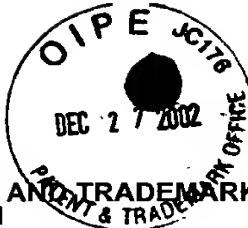


Case No. **P1252 78007**



**DIRECTOR, U.S. PATENT AND TRADEMARK OFFICE  
WASHINGTON, DC 20231**

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**JAN -7 2003**

**TECHNOLOGY CENTER 2800**

In re Application of: **ROSSIN ET AL.**

Serial No.: **09/518,421**

Filed: **MARCH 03, 2000**

For: **HIGH POWER, KINK-FREE, SINGLE MODE LASER DIODES**

Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ Small entity status of this application under 37 CFR § 1.27 has been established by a verified statement previously submitted

☐ A verified statement to establish small entity status under 37 CFR § 1.27 is enclosed.

☐ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)		SMALL ENTITY			LARGE ENTITY	
FOR:	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	FEE		RATE	FEE
TOTAL CLAIMS	33	31			X 9	\$	OR	X 18	\$ 36
INDEPT CLAIMS	2	3			X 42	\$	OR	X 84	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ 135	\$	OR	+ 270	
					TOTAL ADD'L FEE			TOTAL ADD'L FEE	\$ 36

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For: IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment of the number of claims originally filed.

☒ Authorization is given to charge Deposit Account **50-1465** in the amount of **\$36.00** for additional claim fees.

☒ The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. **50-1465**.

☒ **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHARLES E. WANDS**

☒ Please associate this application with Customer No. **27975**.



**27975**

PATENT TRADEMARK OFFICE

Telephone (321) 725-4760

December 20, 2002  
DATE

CHARLES E. WANDS  
REG. NO. 25,649



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
**ROSSIN ET AL.**

Serial No. **09/518,421**

Filing Date: **MARCH 03, 2000**

Confirmation No. **6283**

For: **HIGH POWER, KINK-FREE, SINGLE  
MODE LASER DIODES**

Atty Docket No.:  
**P1252 78007**

Art Unit: **2828**

Examiner:  
**A. Rodriguez**

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TECHNOLOGY CENTER

#13/A  
1/15/03

AMENDMENT

Director, U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the Office Action dated October 4, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

In the Specification:

Please replace the paragraph beginning on page 10, line 13, with the following rewritten paragraph:

The output beam profile was measured in the far field for the plane parallel to the junction. The resultant beam profiles measured at 60 mW, 300 mW and 500mW output power are illustrated in Fig. 3B. The beam profiles are smooth and uniform for all currents. As shown in Fig. 3B, on either side of the peak intensity at 0°, the polarity of the slope of the far field beam profile remains constant with increase in divergence angle. The absence of any significant change in the

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